7800031

## THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

# Ring Around Products, Inc.

Withereas, there has been presented to the

#### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, therefore, this certificate of plant variety protection is to grant unto the said applicant(s) and the successors, heirs or assigns of the said applicant(s) for the term of seventeen. Years from the date of this grant, subject to the payment of the required fees and periodic replenishment of viable basic feed of the variety in a public repository as provided by LAW, the right to exceed others from selling the variety, or offering it for sale, or reproducing it, importing it, or exporting it, or using it in producing a hybrid or different ety therefrom, to the extent provided by the Plant Variety Protection Act T. 1542, as amended, 7 u.s.c. 2324 et seq.)

SOYBEAN

'RA-601'

In Testimony Minercot, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 22nd day of June in the year of our Lord one thousand nine hundred and seventy-eight

Altest:

Limanu L. C.

Long

Commissioner

Plant Variety Protection Office

Grain Division

Agricultural Marketing Service

Decretary of Agriculture

UNITED STATES DEPARTMEN AGRICULTURAL MARK LIVESTOCK, POULTRY, GRA		FORM APPROVED OMB NO. 40-R3822		
APPLICATION FOR PLANT VARIE INSTRUCTIONS: See Reverse.		N CERTIFICATE	No certificate for pla be issued unless a co has been received (5 t	int variety protection may impleted application form J.S.C. 553).
1a. TEMPORARY DESIGNATION OF VARIETY	16. VARIETY NAME		FOR OFFICI	AL USE ONLY
Cross I(a)73	RA-601		7800031	
2. KIND NAME	3. GENUS AND SPE		3-13-78	TIME 8:00 A.M.
Soybeans	Glycine max	2	FEE RECEIVED	DATE
4. FAMILY NAME (BOTANICAL)	5. DATE OF DETER		\$ <u>500.00</u>	3-13-78
Leguminosea	October, 1	976	Ψ	<u> </u>
6. NAME OF APPLICANT(S) Ring Around Products, Inc.	7. ADDRESS (Street Code) P.O. Box 58	and No. or R.F.D. No.,	City, State, and ZIP	8. TELEPHONE AREA CODE AND NUMBER
By Dr. William H. Davis		, Alabama <del>3610</del> 1		<del>205-365-5971</del>
9. IF THE NAMED APPLICANT IS NOT A PE			ED, GIVE STATE AND	11. DATE OF INCOR-
ORGANIZATION: (Corporation, partnersh	ip, association, etc.)	DATE OF INCOR		PORATION
Corporation		Delaware		June 3, 1969
12. NAME AND MAILING ADDRESS OF APPI ALL PAPERS: DR. JAMES E. STO Br. William H. Davis, Directo	ROIKE 727 NOR	RISTOWN ROAD , S	PRING HOUSE PA	19477
P.O. Box 1629, Plainview, TX	<del>-79072</del> -	Acsearch, King	Around Floudet	
13. CHECK BOX BELOW FOR EACH ATTACH		<u> </u>	· · · · · · · · · · · · · · · · · · ·	145 6/15/85
13A. Exhibit A, Origin and Bree		Variety (See Section 1	52 of the Plant Variety	y Protection Act.)
x 13B. Exhibit B, Novelty Statem	ent.			
13C. Exhibit C, Objective Descr	iption of the Variety	(Request form from	Plant Variety Protect	ion Office.)
13D. Exhibit D, Additional Desc	cription of the Varies	y.		
149. DOES THE APPLICANT(S) SPECIFY THAT	SEED OF THIS VAR	ETY BE SOLD BY VAI	RIETY NAME ONLY AS	A CLASS OF CERTIFIED
SEED? (See Section 83(a). (If "Yes," answered the DOES THE APPLICANT(S) SPECIFY THAT	T THIS VARIETY BE	<u> </u>	NO B, HOW MANY GENER	ATIONS OF PRODUC
LIMITED AS TO NUMBER OF GENERATI	ONS?	TION BEYOND E	REGISTERED	<b></b> .
15a. DID THE APPLICANT(S) FILE FOR PROT	ECTION OF THIS WAS			CERTIFIED
name of countries and dates.)  15b. HAVE RIGHTS BEEN GRANTED THIS VA and dates.)			_	X NO (If "Yes," give
16. DOES THE APPLICANT(S) AGREE TO TH	E PUBLICATION OF H	IIS/HER (THEIR) NAM	E(S) AND ADDRESS IN	THE OFFICIAL
17. The applicant(s) declare(s) that a viable replenished upon request in accordance	sample of basic see	of this variety will b	e furnished with the a	application and will be
The undersigned applicant(s) is (are) the variety is distinct, uniform, and stable at 42 of the Plant Variety Act.	e owner(s) of this se	xually reproduced no	vel plant variety, and	believe(s) that the provisions of Section
Applicant(s) is (are) informed that false	e representation here	in can jeopardize pro	tection and result in p	enalties.
Murch 28, 1978		Will	LAM N. M.	Will CANT)
(DATE) FORM GR-470 (1-78)		(	SIGNATURE OF APPLI	CART)

#### INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

#### ITEM

- Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties:

  (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
  - Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
  - If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
  - See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

A bulk population of Mack x L62-1251 (L62-1251 is a dt, backcross to Clark) was obtained from Dr. C. F. Caviness, University of Arkansas, Department of Agronomy, 1973.

A single plant selected and designated as Cross I(a)73 was evaluated as follows:

1973 Selection	Grams/Plant
CR05S RYS Crop I(a)73	
Crop I(a)73	40 grams

CROSS 4

Crop I(a)73 was increased in Puerto Rico during the winter of 1973-74. Seed from this line was tested at three locations in 1974.

	1974 Wt./ Plot					
<u>Variety</u>	<u>Texas</u>	Arkansas	North Carolina			
Cross I(a)73	34 1bs.	28 lbs.	35 lbs.			
York	54 lbs.		~=			
Forrest		24 lbs.	·			
Essex			34 lbs.			

During 1975 this line was tested at four locations. Due to adverse weather conditions, only two locations were harvested.

	<u>1975 Y</u>	<u> Yiel<b>d</b></u>
<u>Variety</u>	Plainview, Texas	Fisher, Arkansas
Cross I(a)73	30 lbs.	49 lbs.
Forrest	Dead Due to High PH	51 lbs.

The Arkansas plot has a high incidence of race 3 cyst nematode present. Plots were 4 rows X 100' = 40'' wide rows in Texas and 30'' wide in Arkansas.

Plains, Georgia	Commercial field pl (July Planting)	lanted after whea <b>t</b>
	Bragg Cross I(a)73	43 Bu./A 42 Bu./A

This seed was harvested and was used to provide the breeders seed grown at Plainview, Texas. A total of 111 acres is on increase. It will be rogued for mixtures. RA-601 is a very phenotypically uniform variety.

Purity growouts of RA-601 indicates that this variety will have a few  $dt_2$  and  $dt_1$  plants; ca 3  $dt_1$  and 2  $dt_2$  per thousand.

Tan pods occur among the normal brown pods at approximately 6 per thousand. This may be due to some plant mixture from a sister line.

Seed will have normally a black hilum. However, upon occasion a faint brown back-ground may appear under certain environmental conditions. Brown hilum seed may occur at a rare frequency of 1:1000.

#### EXHIBIT B

#### Mature Plant Characteristics:

			******	C	olo <del>r</del>		Plant	Plant
Variety		Mat.	<u>Hila</u>	<u>Pod</u>	Pub.	<u>Flower</u>	<u> Height*</u>	<u>Type</u>
RA-601	•	6	Black	Tan	Brown	Purple	48"	Indeterminate
Mack		5	Black	Tan	Brown	Purple	32"	dt <sub>1</sub>

\*Arkansas data, 1975

#### EXHIBIT **≥** B

RA-601 most closely resembles its maternal parent Mack. It is unique from this variety in the following characteristics.

- 1) RA-601 is much taller 48" vs 32" for Mack at maturity.
- 2) RA-601 is indeterminate in plant type, Mack is determinate.
- 3) RA-601 is later in maturity than Mack, approximately 8 days.

#### EXHIBIT E

The applicant is the actual breeders. Ownership rights are to be held by Ring Around Products, Inc.

# UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE GRAIN DIVISION

EXHIBIT (Soybean

HYATTSVILLE, MARYLAND 20782

## OBJECTIVE DESCRIPTION OF VARIETY

INSTRUCTIONS: See Reverse. SOYBEAN	(GLYCINE MAX)
Ring Around Products, Inc. (By Dr. Will	FOR OFFICIAL USE ONLY
N.F.D. No., City, State, and ZIP Code	tam H. Davis) PVPO NUMBER 7800031
P.O. Box 589	VARIETY NAME OR TEMPORARY
Montgomery, Alabama 36101	DESIGNATION
Place the appropriate number that describes the varietal	RA-601
1. SEED SHAPE.	character of this variety in the boxes below.
1 = SPHERICAL 2 = SPHERICAL 3 = ELOI	NGATE 4 = OTHER (Specify)
2. SEED COAT COLOR:	- ISHADE:
1 1 = YELLOW 2 = GREEN 3 = BROWN 5 = OTHER (Specify)	1 = BLACK 1
3. SEED COAT LUSTER:	4. SEED SIZE
2 = SHINY	1 7 GRAMS PER 100 SEEDS
5. HILUM COLOR.	SHADE:
6 1 = BUFF 2 = YELLOW 3 = BROWN 4 = GR	
6 = BLACK 7 = OTHER (Specify)	BLACK 1 1 1 = LIGHT 2 = MEDIUM 3 = DARK
6. COTYLEDON COLOR:	7. LEAFLET SIZE (See Reverse):
1 = YELLOW 2 = GREEN	2 1 = 5MALL 2 = MEDIUM 3 = LARGE
8. LEAFLET SHAPE:	The Lange
1 = OVATE 2 = OBLONG 3 = LANCEOLATE	4 = ELLIPTICAL 5 = OTHER (Specify)
9. LEAF COLOR (See reverse):	10. FLOWER COLOR:
1 = LIGHT GREEN 2 = MEDIUM GREEN 3 = DA	OK COSES
11. POD COLOR:	12: POD SET:
2 1 = TAN 2 = BROWN 3 = BLACK	
13. PLANT PUBESCENCE COLOR:	1 = SCATTERED 2 = CONCENTRATED
	' SHADE;
2   = GRAY 2 = BROWN 3 = OTHER (Specify) 4. PLANT TYPES (See Reverse):	1 1 = LIGHT 2 = MEDIUM 3 = DARK
	15. PLANT HABIT:
3 I = SLENDER 2 = BUSHY 3 = INTERMEDIATE 6. HYPOCOTYL COLOR:	1 = DETERMINATE 2 = INDETERMINATE 3 = OTHER (Specify)
	17. SEED PROTEIN:
2   1 = GREEN 2 = PURPLE	0 1 = A 2 = is
8. NUMBER OF DAYS TO FLOWERING 19. MATURITY GROUP:	
ays ore 9 or less.) 1 = 00	2 = 0 3 = 1 · 4 = 11 S = 111
	7 = v 8 = vi 9 = vii 10 = viii
NO. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTANT LIG	mi (Growth Chamber) AT 25° C. (Place a zero in first box
OF SEEDLING  MM. LENGTH OF COTYLEDO  Pl. DISEASE: (Enter 0 Not Texted; 1 Susceptible; 2 - Resistant)	MM. WIDTH OF COTYLEDON
2 BACTERIAL 2 SOYREAM	
PUSTULE Z CYST 2 DOWNY	PURPLE 0 POD AND 1 ROOT KNOT
2 FROGEYE 0 STEM 2 PHYTO-PHTHORA 0	BROWN 0 TARGET 0 BROWN
O BLIGHT 2 WILDFIRE O RHIZOCTONIA	OTHER (Specify)

HARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant shape	Clark 63	Petiole angle	Clark 63
Leaf shape	11 11	Seed size	CTATE 02
Leaf color	11 11	Seed shape	11 11
Leaf surface	Mack	Seedling pigmentation	Mack

	VARIETY NO. OF DAYS		PLANT	LEAF SIZE		CONTENT		AVERAGE NO.	
	TO MATURITY	SCORE	HEIGHT	Width	Length	Protein	Oil	OF PODS PER PLANT	IODINE NO.
Submitted	146	1.5	48"			38.2	22.9%	. 1	
ame of similar variety					<del> </del>	30.2	22.970		
Mack	138	2.0	34"	,		39.0	20.5%		- <b>-</b>

#### INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for completing this form:

- 1. Scott, Walter O. and Samuel R. Aldrich, 1970, Modern Soybean Production, The Farmer Quarterly.
- 2. Norman, A. G., 1963, The Soybean: Genetics, Breeding, Physiology, Nutrition, Management.
- 3. McKie, J. W., and K. L. Anderson, 1970, The Soybean Book.

LEAF COLOR: Nickerson's or any recognized color fan may be used to determine the leaf color of the described variety. The following Soybean varieties may be used as a guide to identify the colors listed on the form.

COLOR VARIETY
Light Green "Ada"
Medium Green "Wilkin"
Dark Green "Swift"

LEAF SIZE: The following varieties may be used as a guide to identify the relative size leaves.

Small "Amsoy"
Medium "Bonus"
Large "Anoka"

PLANT TYPE: The following varieties may be used as a guide to identify the plant type.

TYPE VARIETY

Slender "Vansoy"

Intermediate "Wirth"

Bushy "Adelphia"

## PLANT VARIETY PROTECTION CERTIFICATE

WHEREAS, Ring Around Products, Inc., a Delaware corporation, having a place of business at 12200 Ford Road, Suite 400, Dallas, Texas 75234, hereinafter referred to as "Ring Around", is the duly authorized owner and holder of the entire right, title and interest in and to the following U.S. Plant Variety Protection Certificates and applications for U.S. Plant Variety Certificates (collectively referred to as "Certificates"):

Plant Protection Certificates and Applications

Variety	PVP Certificate No.	Date Issued
Mitchell RA-526 RA-501A RA-401 RA-601 RA-480 RA-604 Mitchell 450 RA-402 RA-481 RA-680 RA-502 RA-403 Mitchell 410 RA-606 RA-580 RA-405	7300054 7500067 76T0006 7800030 7800031 7900007 7900008 7900046 8000093 8000054 8100097 8200160 8200163 8200162 8200161 8300075 8500010 (filing number)	10/30/74 12/12/75 5/11/78 6/22/78 6/22/78 2/15/79 3/1/79 6/14/79 7/31/80 3/26/81 4/15/82 8/31/83 10/27/83 10/27/83 10/27/83 10/27/83 10/27/83 10/27/83 10/27/84 10/10/84 (filing date)
RA-451 RA-452	8500008 (filing number) 8500009 (filing number)	10/10/84 (filing date) 10/10/84 (filing date)

WHEREAS, ROHM AND HAAS SEEDS INC., a Delaware corporation, ("RHS") having a place of business at Independence Mall West, Philadelphia, Pennsylvania 19105, is desirous of acquiring the entire interest in the aforementioned varieties, Certificates and the rights associated therewith;

NOW, THEREFORE, in consideration of and in exchange for the sum of one dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, Ring Around does hereby sell, assign, transfer and set over, unto RHS its entire right, title and interest in and to the aforementioned varieties and Certificates.

WHEREAS, Rohm and Haas Seeds Inc., a Delaware corporation, with its principal office at Independence Mall West, Philadelphia, Pennsylvania 19105 ("RHS") is the owner of the entire right, title and interest in and to the following soybean varieties, applications for United States Plant Variety Protection Certificates and United States Plant Variety Protection Certificates (collectively referred to as "Certificates"):

Soybean Variety	Certificate Number	Date Issued
Mitchell	7300054	October 30, 1974
RA-401 RA-601	7800030	June 22, 1978
	7800030	June 22, 1978
Mitchell 450	7900046	June 14, 1979
RA-481	8000054	March 26, 1981
	8000093	July 31, 1980
	8200162	October 27, 1983
	8200163	October 27, 1983
RA-526	7500067	December 12, 1975
RA-604	7900008	March 1, 1979
RA-680	8100097	April 15, 1982
RA-502	8200160	August 31, 1983
RA-606	8200161	October 27, 1983
RA-580	8300075	April 30, 1984
RA-501 A	76TQ006	May 11, 1978
RA-480	7900007	February 15, 1979
Soybean Variety	Application Number	Filing Date
RA-451	8500008	October 10, 1984
RA-452	8500009	October 10, 1984
RA-405	8500010	October 10, 1984

WHEREAS, CR Seeds, a general partnership, having its principal office at 900 Darlington Highway, Hartsville, South Carolina 29550 ("Partnership") is desirous of acquiring the entire interest in the aforementioned varieties and Certificates;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, RHS does hereby sell, assign, transfer to the Partnership the entire right, title and interest in and to the varieties and Certificates for its use and benefit and for its successor, and assigns.

IN TESTIMONY THEREOF, Rohm and Haas Seeds Inc. intending to be legally bound has caused this assignment to be executed by its duly authorized officer, effective as of the 20th day of December, 1984.

Date: (Z (23/85)	ROHM AND HAAS SEEDS THE.  By:  Title: Places
STATE OF <u>feno</u> : COUNTY OF <u>fula</u> :	ss
On this 23 day of the appeared Charles H. Baker person who signed this instrument signed it as a free act on behalf with authority to do so.	of Rohm and Haas Seeds Inc., the
JCAN B. FENDE	Book Dan B. Henderson

JOAN B. HENDERSON Notary

Notary Public, Phila., Phila. Co

My Commission Expires: Commission Expires Nov. 29, 1986

receipt and sufficiency of which are hereby acknowledged, CR Seeds does hereby sell, assign and transfer to RHS a one-half undivided interest in and to the varieties and Certificates and to CPS a one-half undivided interest in and to the varieties and Certificates for each of their use and benefit and for each of their successors and assigns.

IN TESTIMONY THEREOF, CR Seeds intending to be legally bound has caused this assignment to be executed by its duly authorized

CR Seeds

State of South Carolina County of Darling ton

On this 30th day of December , 1986, before me appeared E. Joe Dahmer of CR Seeds, the person who signed this instrument who acknowledged that he signed it as a free act on behalf of CR Seeds with authority to do so.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, RHS does hereby sell, assign, transfer to the Partnership the entire right, title and interest in and to the varieties and Certificates for its use and benefit and for its successors and assigns.

IN TESTIMONY THEREOF, Rohm and Haas Seeds Inc. intending to be legally bound has caused this assignment to be executed by its duly authorized officer, effective as of the 20th day of December, 1984.

Date: 2 23 85

By:

Title: 12ES

STATE OF	nna	:	
COUNTY OF	hila	_	SS

On this 23 day of Account , 1985, before me appeared Charles H. Baker of Rohm and Haas Seeds Inc., the person who signed this instrument, who acknowledged that he signed it as a free act on behalf of Rohm and Haas Seeds The with authority to do so.

JOAN B. HENDERSON Notary Public

My Commission Expires:

Notary Public, Phila. Co.

My Commission Expires Nov. 29, 1986

WHEREAS, CR Seeds, a general partnership having it principal office at 900 Darlington Highway, Hartsville, South Carolina 29550 ("Partnership"), is the owner of the entire right, title and interest to the United States Plant Variety Protection Certificates and applications for such Certificates (collectively "Certificates") listed on Appendix A attached hereto;

WHEREAS, the partners of CR Seeds, Rohm and Haas Seeds Inc., a Delaware corporation having its principal office at Independence Mall West, Philadelphia, PA 19105 ("RHS") and Coker's Pedigreed Seed Company, a South Carolina corporation with its principal office at 900 Darlington Highway, Hartsville, SC 29550 ("CPS"), are each desirous of acquiring a one-half undivided interest in the varieies and Certificates listed on Appendix A;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, CR Seeds does hereby sell, assign and transfer to RHS a one-half undivided interest in and to the varieties and Certificates and to CPS a one-half undivided interest in and to the varieties and Certificates for each of their use and benefit and for each of their successors and assigns.

IN TESTIMONY THEREOF, CR Seeds intending to be legally bound has caused this assignment to be executed by its duly authorized officer.

CR Seeds

President

State of South Carolina )SS

On this 30th day of December, 1986, before me appeared E. Joe Dahmer of CR Seeds, the person who signed this instrument who acknowledged that he signed it as a free act on behalf of CR Seeds with authority to do so.

Okary Publi

My commission expires

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#### APPENDIX A

#### Soft Red Winter Wheat Varieties

Variety Name	U.S. Plant Variety Certificate No.	Issue Date
Coker 68-15	7200014	Mar. 6, 1974
Coker 68-19	7200015	Mar. 6, 1974
Coker 747	76TQ015	Sept. 9, 1978
Coker 762	8000152	Dec. 12, 1981
Coker 797	8000145	Dec. 12, 1981
Coker 916	8300036	Sept. 27, 1985
Coker 983	84000581	Feb. 27, 1984 <sup>1</sup>
McNair 701	7200038	Feb. 26, 1974
McNair 4823	7200037	April 8, 1975
RHS 8232	8400136 <sup>1</sup>	July 16, 1984 <sup>1</sup>
9227	86000091	Oct. 22, 1985 <sup>1</sup>
9323	8600010 <sup>1</sup>	Oct. 22, 1985 <sup>1</sup>

<sup>1.</sup> Application number and filing date.

## Winter Oat Varieties

Variety <u>Name</u>	U.S. Plant Variety <pre>Certificate No.</pre>	Issue Date
Coker 227	7500007	Oct. 20, 1977
Coker 716	7900003	Dec. 28, 1978
Coker 820	84000591	Feb. 28, 1984 <sup>1</sup>
Coker 234	7500008	Oct. 26, 1977
Four Twenty Two	7700085	Apr. 12, 1979
Big Mac	8200121	Aug. 19, 1982
Mesquite	8200122	Aug. 19, 1982

<sup>1.</sup> Application number and filing date.

### Soybean Varieties

Coker		
Hampton 266A	7100022	Sept. 6, 1973
Coker 136	7300091	Oct. 18, 1973
Coker 338	7400058	Oct. 29, 1976
Coker 237	7800034	July 13, 1978
Coker 488	7800035	July 13, 1978
Coker 156	7900043	Nov. 27, 1979
Coker 317	8100095	Nov. 19, 1981
Coker 368	8200140	Aug. 31, 1983
Coker 425	8400077	May 31, 1985
Coker 485	8400078	May 31, 1985
Coker 393 (Q327-4270)	8400018	Jan. 25, 1985
Coker 355 (XP5878)	8400019	Jan. 25, 1985
Coker 627	8700001 <sup>1</sup>	Oct. 3, 1986 <sup>1</sup>
Coker 686	Pending <sup>1</sup>	Dec. 19, 1986

<sup>1.</sup> Application number and filing date.

Variety Name	U.S. Plant Variety Certificate No.	Issue Date
AP55	8100089	Feb. 18, 1982
AP70	7800081	Feb. 15, 1979
AP71	8100090	Sept. 24, 1981
Lancer	7600044	Sept. 29, 1976
RA-526	7500067	Dec. 12, 1975
RA-604	7900008	Mar. 1, 1975
RA-680	8100097	Apr. 15, 1982
RA-502	8200160	Aug. 31, 1983
RA-606	8200161	Oct. 27, 1983
RA-580	8300075	Apr. 30, 1984
Mitchell	7300054	Oct. 30, 1974
RA-401	7800030	June 22, 1978
RA-601	7800031	June 22, 1978
Mitchell 450	7900046	June 14, 1979
RA-481	8000054	Mar. 26, 1981
RA-402	8000093	July 31, 1981
Mitchell 410	8200162	Oct. 27, 1983
RA-403	8200163	Oct. 27, 1983

Variety <u>Name</u>	Certificate No.	Issue Date
RA-451	85000081	Oct. 10, 1984 <sup>1</sup>
RA-452	8500009 <sup>1</sup>	Oct. 10, 1984 <sup>1</sup>
RA-405	8500010 <sup>1</sup>	Oct. 10, 1984 <sup>1</sup>
RA-501 A	76TQ006	May 11, 1978
RA-480	7900007	Feb. 15, 1979

<sup>1.</sup> Application number and filing date.

WHEREAS, Rohm and Haas Seeds Inc., a Delaware corporation having its principal office at Independence Mall West, Philadelphia, PA 19105 ("RHS"), is the owner of a one-half undivided interest in and to the United States Plant Variety Protection Certificates and applications for such Certificates (collectively "Certificates") listed on Appendix A attached hereto:

WHEREAS, Coker's Pedigreed Seed Company, a South Carolina corporation with its principal office at 900 Darlington Highway, Hartsville, SC 29550 ("CPS"), is desirous of acquiring this onehalf undivided interest in the aforementioned varieties and Certificates:

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, RHS does hereby sell, assign and transfer to CPS RHS's one-half undivided interest in and to the varieties and Certificates for CPS's use and benefit and for its successors and assigns.

IN TESTIMONY THEREOF, RHS intending to be legally bound has caused this assignment to be executed by its duly authorized officer.

By: Herry A. Augher Assistant Tressurer

State of Jennyham )ss County of Philadelphia )ss

On this 3/ day of Quee Lee . 1986, before me appeared Howard A. Mergelkamp of Rohm and Haas Seeds Inc., the person who signed this instrument who acknowledged that he signed it as a free act on behalf of Rohm and Haas Seeds Inc. with authority to do so.

ELIZABETH A Notary Public

Notary Public, Phila., Phila. Co.

My commission expires September 1989

#### ASSIGNMENT OF PLANT VARIETY PROTECTION CERTIFICATES

WHEREAS, COKER'S PEDIGREED SEED COMPANY, a South Carolina corporation ("Coker's"), having its offices at 900 Darlington Highway, Hartsville, South Carolina 29550, has adopted and used and is the sole and exclusive owner of certain United States Plant Variety Protection Certificates and similar rights under laws of countries other than the United States as listed in Exhibit A hereto:

WHEREAS, COKER'S PEDIGREED SEED CO. and NORTHRUP KING CO., a Delaware corporation ("NK"), have entered into an Asset Purchase Agreement, dated July 20, 1988, providing for the purchase and sale of substantially all of the assets and business of Coker's and the assumption of certain of Coker's liabilities and obligations by NK; and

WHEREAS, NK desires to acquire the right, title and interest in, to and under the Plant Variety Protection Certificates listed on Exhibit A hereto and the pending applications hereto (collectively, the "Plant Variety Protection Certificates").

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Coker's hereby sells, assigns, transfers and sets over to NK the Plant Variety Protection Certificates. Coker's further agrees, at no cost to it, to execute and deliver to NK, upon the request of NK, any further instrument of assignment that may be necessary to effectuate the transfer of each Plant Variety Protection Certificate.

IN WITNESS WHEREOF, Coker's has caused this instrument to be executed by its duly authorized representative as of the 20th day of July, 1988.

COKER'S PEDIGREED SEED COMPANY

By:
E. Joe Dahmer
President

STATE OF MINNESOTA )

COUNTY OF HENNEPIN )

On this and day of July, 1988, before me, a Notary Public in and for the County aforesaid, the undersigned officer, E. Joe Dahmer, personally appeared and acknowledged himself to be the President of Coker's Pedigreed Seed Co., and that he executed the foregoing instrument for the purposes therein.

WITNESS my hand and seal this 20th day of July, 1988.



Motary Public

## Soybean Varieties, Continued

Variety Name	; ;	U.S. Plant Variety Certificate Number	Issue Date	Term (Yrs.)
AP55	:	8100089	Feb. 18, 1982	18
AP70		7800081	Feb. 15, 1979	17
AP71		8100090	Sept. 24, 1981	18
Lancer		7600044	Sept. 29, 1976	17
RA-526		7500067	Dec. 12, 1975	17
RA-604		7900008	Mar. 1, 1975	17
RA-680		8100097	Apr. 15, 1982	18
RA-502		8200160	Aug. 31, 1983	18
RA-606		8200161	Oct. 27, 1983	18
RA-580	•	8300075	Apr. 30, 1984	18
Mitchell		7300054	Oct. 30, 1974	17
Ra-401		7800030	June 22, 1978	17
RA-601		7800031	June 22, 1978	17
Mitchell	450	7900046	June 14, 1979	17
RA-481	i	8000054	Mar. 26, 1981	18
RA-402		8000093	July 31, 1980	17
Mitchell	410	8200162	Oct. 27, 1983	18
RA-403	:	8200163	Oct. 27, 1983	18
RA-451		8500008	Dec. 27, 1985	18
RA-452		8500009	Aug. 30, 1985	18
RA-405	į	8500010	Aug. 30, 1985	18
RA-501A		<b>76</b> T0006	May 11, 1978	17
RA-480	i	7900007	Feb. 15, 1979	17

#### PLANT VARIETY PROTECTION CERTIFICATE

WHEREAS, Ring Around Products, Inc., a Delaware corporation, having a place of business at 12200 Ford Road, Suite 400, Dallas, Texas 75234, hereinafter referred to as "Ring Around", is the duly authorized owner and holder of the entire right, title and interest in and to the following U.S. Plant Variety Protection Certificates and applications for U.S. Plant Variety Certificates (collectively referred to as "Certificates"):

Plant Protection Certificates and Applications

Variety	PVP Certificate No.	Date Issued
Mitchell	7300054	10/30/74
RA-526	7500067	12/12/75
RA-501A	76T0006	5/11/78
RA-401	7800030	6/22/78
RA-601	7800031	6/22/78
RA-480	7900007	2/15/79
RA-604	7900008	3/1/79
Mitchell 450	7900046	6/14/79
RA-402	8000093	7/31/80
RA-481	8000054	3/26/81
RA-680	8100097	4/15/82
RA-502	8200160	8/31/83
RA-403	8200163	10/27/83
Mitchell 410	8200162	10/27/83
RA-606	8200161	10/27/83
RA-580	8300075	4/30/84
RA-405	8500010 (filing number)	10/10/84 (filing date)
RA-451	8500008 (filing number)	10/10/84 (filing date)
RA-452	8500009 (filing number)	10/10/84 (filing date)

WHEREAS, ROHM AND HAAS SEEDS INC., a Delaware corporation, ("RHS") having a place of business at Independence Mall West, Philadelphia, Pennsylvania 19105, is desirous of acquiring the entire interest in the aforementioned varieties, Certificates and the rights associated therewith;

NOW, THEREFORE, in consideration of and in exchange for the sum of one dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, Ring Around does hereby sell, assign, transfer and set over, unto RHS its entire right, title and interest in and to the aforementioned varieties and Certificates.

IN WITNESS WHEREOF, this ASSIGNMENT is entered into as of this 21st day of November, 1984.

RING AROUND PRODUCTS, ING.

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Wilbur G. Johnson

President

#### ACKNOWLEDGMENT

STATE OF PENNSYLVANIA

COUNTY OF PHILADELPHIA

On Marian 21.1954, before me, the undersigned, a Notary Public in and for said State and County, personally appeared Wilbur G. Johnson, known to me to be the President of the Corporation that executed the within instrument, on behalf of the corporation herein named, and acknowledged to me that such Corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors.

ct. 14,1585

WITNESS my hand and official seal.

Notary Public

My Commission Expires:

ELIZÁBETH A SMITH Notary Public Phila, Phila, Co.

My Commission Extres Oct. 14, 1985